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2	☒	☐	US 6003021 A	19991214	160
3	☒	☐	US 5987443 A	19991116	131

	Title	Current OR	Current XRef
1	System method and article of manufacture for a goal based system utilizing an activity table	706/47	434/118; 705/40
2	System, method and article of manufacture for a simulation system for goal based education	706/47	434/118; 705/40; 706/46
3	System, method and article of manufacture for a goal based educational system	706/11	434/118; 706/45; 706/47; 706/927

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1		Nichols, Mark Stewart	☒	☐	☐	☐	☐	☐	☐
2		Zadik, Beth Elyse et al.	☐	☐	☐	☐	☐	☐	☐
3		Nichols, Mark Stewart et al.	☐	☐	☐	☐	☐	☐	☐

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1 **Creating single-sourced tutorials**
Stieren, C.;
Professional Communication Conference, 2000. Proceedings of 2000 Joint IEEE International and 18th Annual Conference on Computer Documentation (IPCC/SIGDOC 2000) , 24-27 Sept. 2000
Pages:343 - 351

[Abstract]   [PDF Full-Text (372 KB)]   **IEEE CNF**

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2 **Interactive Web-based tutorials for engineering education**
Cleaver, T.G.;
Southeastcon '99. Proceedings. IEEE , 25-28 March 1999
Pages:126 - 127

[Abstract]   [PDF Full-Text (120 KB)]   **IEEE CNF**

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1 P9: A framework to provide integrated online documentation

Sogo Tsuji, Yoshikazu Yamamoto
October 2001   Proceedings of the 19th annual international conference on Compul
Full text available: 🖹 pdf(139.76 KB)   Additional Information: full citation, abstract,

As the variety of software users is increasing widely, online help systems are rei
for users. It means the help documents are suited to users' knowledge and the ι
addresses how online help systems can meet these requirements, and proposes
Scenario-based Online help Framework).In SOF, we introduce our proposed scei
The scenario is a meta-model of the help ...

Keywords: document meta-model, online help system design framework, scenai

2 Fast detection of communication patterns in distributed executions

Thomas Kunz, Michiel F. H. Seuren
November 1997   Proceedings of the 1997 conference of the Centre for Advanced Stι
Full text available: 🖹 pdf(4.21 MB)   Additional Information: full citation, abstract, reference:

Understanding distributed applications is a tedious and difficult task. Visualizatio
often used to obtain a better understanding of the execution of the application. ˙
event tracer developed at the University of Waterloo. However, these diagrams
provide the user with the desired overview of the application. In our experience,
of non-trivial commun ...

3 Teaching technical communication at a distance: Creation, costs and mana online learning
Brian Cameron, Mary Beam, Paul Beam
September 2000 Proceedings of IEEE professional communication society internationa
and Proceedings of the 18th annual ACM international conference or
teamwork

Full text available: 📄 pdf(650.88 KB)   Additional Information: full citatio

This paper defines the tools and operation of an operational Web-delivered, XML
provides its development and operations costs and outlines how the instructor g
then measure learning effectiveness. Our good news is that full-service training,
level, with instructor support, can be delivered for about $2.00 (US) per hour in
Sophisticated new materi ...

4 Where campus meets the Internet: a universally accessible online docume
Susan Topol, Mark Smith, Suzanne Schluederberg
February 1996 Proceedings of the 13th annual international conference on Systems (
solutions for the growing complexity of our jobs

Full text available: 📄 pdf(809.98 KB)   Additional Information: full citation, references

5 Introductory tutorials: Web-based simulation: web-based modeling and sim
S. Narayanan
December 2000   Proceedings of the 32nd conference on Winter simulation

Full text available: 📄 pdf(146.76 KB)   Additional Information: full citation, abstract

This paper introduces the emerging area of web-based simulations and presents
challenges in this field. This introduction begins with an outline of the World Wid
by advances on the Internet. Next, various types of applications of web-based s
concludes with an synopsis of research and development efforts on web-based s
documentation, client-si ...

6 A real world conversion to SGML
Dee Stribling, Tim Hunter, Len Olszewski, Anne Corrigan, Randy Mullis, Lloyd Allen
October 1996 Proceedings of the 14th annual international conference on Systems d
technological forces: building a corporate, academic, and user-oriente

Full text available: 📄 pdf(1.19 MB)   Additional Information: full citation, ind

7 Online documentation: evolution rather than revolution
Marilyn Kirschen
November 1993 Proceedings of the 11th annual international conference on Systems

Full text available: 📄 pdf(651.28 KB)   Additional Information: full citation, citings, index terms

8 Secure and selective dissemination of XML documents

Elisa Bertino, Elena Ferrari

August 2002   ACM Transactions on Information and System Security (TISSEC), V

Full text available: pdf(678.34 KB)   Additional Information: full citation, abstract, referen(

XML (*eXtensible Markup Language*) has emerged as a prevalent standard for do the Web. It is often the case that XML documents contain information of differer selectively shared by (possibly large) user communities. There is thus the need specification and enforcement of access control policies for XML documents. Me(secure and selective dissemina ...

Keywords: Access control, XML, secure distribution

9 Interactive Editing Systems: Part II

Norman Meyrowitz, Andries van Dam

September 1982   ACM Computing Surveys (CSUR), Volume 14 Issue 3

Full text available: pdf(9.17 MB) Additional Information: full citation, references, citings, index terms

10 Using Java to develop Web based tutorials

David Cole, Roger Wainwright, Dale Schoenefeld

March 1998 ACM SIGCSE Bulletin , Proceedings of the twenty-ninth SIGCSE technici education, Volume 30 Issue 1

Full text available: pdf(680.67 KB)   Additional Information: full citation, abstract, references,

This paper presents the use of Java applets acting as a web-based interface to € tools. We present an example application called GAWebTutor which was constru algorithm package and web-based Java components. In effect, we packaged an made it available to anyone on the WWW. Furthermore, by building a GUI front leveraged browser technology to ov ...

11 Reusable software components

Trudy Levine

July 1996   ACM SIGAda Ada Letters, Volume XVI Issue 4

Full text available: pdf(2.45 MB) Additional Information: full citation, index terms

12 Business-to-business interactions: issues and enabling technologies

B. Medjahed, B. Benatallah, A. Bouguettaya, A. H. H. Ngu, A. K. Elmagarmid

May 2003   The VLDB Journal — The International Journal on Very Large Dati

Full text available: 📄 pdf(558.34 KB)   Additional Information: full citation, abstract,

Business-to-Business (B2B) technologies pre-date the Web. They have existed f
applications were among the first to take advantage of advances in computer nє
Interchange (EDI) business standard is an illustration of such an early adoption
The ubiquity and the affordability of the Web has made it possible for the massє
interactions. However, several issu ...

Keywords: B2B Interactions, Components, E-commerce, EDI, Web services, Wo

13 Computing curricula 2001

September 2001   Journal on Educational Resources in Computing (JERIC)

Full text available: 📄 pdf(613.63 KB) 📄 html(2.78 KB) Additional Information: full citation, references, citings, in

14 Performance support: online, integrated documentation and training

William R. Bezanson

February 1996 Proceedings of the 13th annual international conference on Systems ϲ
solutions for the growing complexity of our jobs

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15 Information delivery systems: an exploration of Web pull and push technolϲ

Julie E. Kendall, Kenneth E. Kendall

April 1999   Communications of the AIS

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16 Evolving the browser towards a standard user interface architecture

Michael J. Rees

January 2002   Australian Computer Science Communications , Third Australasian con
Volume 24 Issue 4

Full text available: 📄 pdf(857.16 KB)   Additional Information: full citation, abstract, referen

If current trends continue, it is likely that the web browser will become the only applications will become the predominant software. Should this happen, user int evaluation skills can become more focussed and effective. Some of the benefits are discussed in the context of web application tools produced by the author and architecture of the Web brings speci ...

Keywords: XML, browser user interface, user interface markup language, user ir

17 Computer-supported instruction: Natural-language processing for compute

D. S. Himmelman

December 2001   intelligence, Volume 12 Issue 4

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18 Spoken dialogue technology: enabling the conversational user interface

March 2002   ACM Computing Surveys (CSUR), Volume 34 Issue 1

Full text available: 📄 pdf(987.69 KB)   Additional Information: full citation, abstract, references,

Spoken dialogue systems allow users to interact with computer-based applicatio by using natural spoken language. The origins of spoken dialogue systems can t research in the 1950s concerned with developing conversational interfaces. How so, with major advances in speech technology, that large-scale working systems cases, introduced into commerc ...

Keywords: Dialogue management, human computer interaction, language gener recognition, speech synthesis

19 BASE: Using abstraction to improve fault tolerance

Miguel Castro, Rodrigo Rodrigues, Barbara Liskov
August 2003   ACM Transactions on Computer Systems (TOCS), Volume 21 Iss
Full text available: pdf(438.18 KB)   Additional Information: full citation, abstract, referenc

Software errors are a major cause of outages and they are increasingly exploite
tolerance allows replicated systems to mask some software errors but it is expei
replication technique, BASE, which uses abstraction to reduce the cost of Byzanl
ability to mask software errors. BASE reduces cost because it enables reuse of c
improves availability ...

Keywords: Byzantine fault tolerance, N-version programming, asynchronous sys
replication

20 Reviewed articles: SIGAda 2001 workshop, "creating a symbiotic relationsh

Robert C. Leif
September 2002   ACM SIGAda Ada Letters, Volume XXII Issue 3
Full text available: pdf(1.39 MB)   Additional Information: full citation, abstract, references, citir

The purpose of the workshop was to organize the Ada community to take advan
applications that are operating systems independent because they are based on
Markup Language. The commercial use of the Internet is the driving force behin
together are sufficient to build a web application, and all employ the same synte
schema; the Extensible Stylesheet Language, ...

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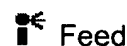
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21 VisA: towards a students' green card to automata theory and formal langua
Markus Holzer, Muriel Quenzer
July 1998 Proceedings of the third Australasian conference on Computer science edu
Full text available: 🗎 pdf(864.73 KB)   Additional Information: full citation, references, index terms

22 Interactive Editing Systems: Part I
Norman Meyrowitz, Andries van Dam
September 1982 ACM Computing Surveys (CSUR), Volume 14 Issue 3
Full text available: 🗎 pdf(3.08 MB)   Additional Information: full citation, citings, index terms

23 A web based environment for learning to program
Nghi Truong, Peter Bancroft, Paul Roe
February 2003 Proceedings of the twenty-sixth Australasian computer science confer
practice in information technology - Volume 16
Full text available: 📄 pdf(1.51 MB)   Additional Information: full citation, abstract, reference

The purpose of this paper is to describe in detail the current development status
Learning to Program (ELP) which provides an interactive web-based environmer
year Information Technology students at Queensland University of Technology (
the early stages of their course without the need to familiarize themselves with
Most importantly, it eliminates all ...

Keywords: Java, XML, computer programming, online learning, tutoring system,

24 The OHCO model of text: merits and concerns
Stuart A. Selber
August 1997 ACM SIGDOC Asterisk Journal of Computer Documentation, Volume 21
Full text available: 📄 pdf(564.71 KB)   Additional Information: full citation, index terms

25 Document Formatting Systems: Survey, Concepts, and Issues
Richard Furuta, Jeffrey Scofield, Alan Shaw
September 1982   ACM Computing Surveys (CSUR), Volume 14 Issue 3
Full text available: 📄 pdf(5.36 MB) Additional Information: full citation, references, citings, index terms

26 XML: not a silver bullet, but a great pipe wrench
Tommie Usdin, Tony Graham
September 1998   StandardView, Volume 6 Issue 3
Full text available: 📄 pdf(86.79 KB) Additional Information: full citation, index terms, review

1/11/04 11:30 PM

27 Research sessions: distributed systems: Proxy-based acceleration of dynal wide web: an approach and implementation

Anindya Datta, Kaushik Dutta, Helen Thomas, Debra VanderMeer, Suresha, Krithi I
June 2002   Proceedings of the 2002 ACM SIGMOD international conference on Ma

Full text available: 📄 pdf(1.37 MB)   Additional Information: full citation, abstract, references, c

As Internet traffic continues to grow and web sites become increasingly comple>
issues for web sites. Web sites are increasingly relying on dynamic content gene
visitors with dynamic, interactive, and personalized experiences. However, dyna
--- each request requires computation as well as communication across multiple
various dynamic content cach ...

Keywords: dynamic content, edge caching, proxy-based caching

28 Single sourcing: Scenario-based and model-driven information developmer

Michael Priestley
October 2003   Proceedings of the 21st annual international conference on Docul

Full text available: 📄 pdf(206.31 KB)   Additional Information: full citation, abstract, referen

In this paper, I describe how I followed an end-to-end development process in t
help information for XML DITA, using scenarios to define my information needs ;
model. By using technology driven by maps and scenarios, I was able to keep tr
requirements from its inception through to its final form. The paper will also lool
can help keep information ...

Keywords: DITA, XML, information development process, maps, model-driven d
development, scenarios

29 Formative design evaluation of superbook

Dennis E. Egan, Joel R. Remde, Louis M. Gomez, Thomas K. Landauer, Jennifer Eb
January 1989   ACM Transactions on Information Systems (TOIS), Volume 7 Is:

Full text available: 📄 pdf(2.53 MB)   Additional Information: full citation, abstract, references, cit

SuperBook is a hypertext browsing system designed to improve the usability of
versions of SuperBook were evaluated in a series of behavioral studies. Student
text. presented either in conventional printed form or in SuperBook form. The b
students to answer search questions more quickly and accurately than they coul
wrote higher quality “ope ...

30 A composable framework for secure multi-modal access to internet service

Steven J. Ross, Jason L. Hill, Michael Y. Chen, Anthony D. Joseph, David E. Culler,
October 2002   Mobile Networks and Applications, Volume 7 Issue 5

Full text available: 🔁 pdf(340.33 KB)   Additional Information: full citation, abstract, referen

The Post-PC revolution is bringing information access to a wide range of devices
kiosks, and mobile devices like cellular telephones, PDAs, and voice based vehic
Internet services are geared toward the secure rich interface of private desktop
infrastructure-based secure proxy architecture to bridge the gap between the ca
requirements of Internet ser ...

Keywords: internet, middleware, post-PC, security, transcoding

31 Centaurus: an infrastructure for service management in ubiquitous computi

Lalana Kagal, Vladimir Korolev, Sasikanth Avancha, Anupam Joshi, Tim Finin, Yelei
November 2002   Wireless Networks, Volume 8 Issue 6

Full text available: 🔁 pdf(553.67 KB)   Additional Information: full citation, abstract, referen

In the near future, we will see dramatic changes in computing and networking h
phones, PDAs, even small household appliances) will become computationally er
embedded in most engineered artifacts, from the clothes we wear to the roads \
(wirelessly) networked using Bluetooth, IEEE 802.15 or IEEE 802.11 for short ra
environments. In this age wh ...

Keywords: mobile computing, pervasive computing, service management, ubiqu

32 The “HyTime ”: hypermedia/time-based document structuring

Steven R. Newcomb, Neill A. Kipp, Victoria T. Newcomb
November 1991   Communications of the ACM, Volume 34 Issue 11

Full text available: 🔁 pdf(12.96 MB)   Additional Information: full citation, references, citings, index terms

33 Conversations with Clement Mok and Jakob Nielsen, and with Bill Buxton a

Richard I. Anderson
January 2000   interactions, Volume 7 Issue 1

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34 Software components using symbolic computation for problem solving envi
Y. N. Lakshman, Bruce Char, Jeremy Johnson
August 1998 Proceedings of the 1998 international symposium on Symbolic and alge
Full text available: 🔁 pdf(319.23 KB)   Additional Information: full citation, references, citings, index te

35 Towards a new generation of authoring tools
Rick Sobiesiak
February 1996 Proceedings of the 13th annual international conference on Systems (
solutions for the growing complexity of our jobs
Full text available: 🔁 pdf(520.55 KB)   Additional Information: full citation, references, citir

36 SIGda '96, workshop: how do we expedite the commercial use of Ada?
Robert C. Leif
March 1999   ACM SIGAda Ada Letters, Volume XIX Issue 1
Full text available: 🔁 pdf(858.93 KB)   Additional Information: full citation, citings, index terms

37 Productivity tools for web-based information
Robin Green
September 1998 Proceedings of the 16th annual international conference on Comput
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38 Databases on the Web: technologies for federation architectures and case
Ralf Kramer
June 1997 ACM SIGMOD Record , Proceedings of the 1997 ACM SIGMOD internatior
Volume 26 Issue 2
Full text available: 🔁 pdf(662.26 KB)   Additional Information: full citation, references, citir

39 A secure infrastructure for service discovery and access in pervasive comp
Jeffrey Undercoffer, Filip Perich, Andrej Cedilnik, Lalana Kagal, Anupam Joshi
April 2003   Mobile Networks and Applications, Volume 8 Issue 2
Full text available: ⬛ pdf(308.34 KB)   Additional Information: full citation, abstract, referen

Security is paramount to the success of pervasive computing environments. The
a communications and security infrastructure that goes far in advancing the goa
work securely enables clients to access and utilize services in heterogeneous ne
and discovery mechanism implemented through a hierarchy of service managen
Public Key Infrastructure t ...

Keywords: distributed services, extensible markup language, pervasive computi

40 Virtual enterprise access control requirements
M. Coetzee, J. H. P. Eloff
September 2003 Proceedings of the 2003 annual research conference of the South Al
                information technologists on Enablement through technology
Full text available: ⬛ pdf(126.63 KB)   Additional Information: full citation, abstract, referen

Current developments in IT point towards the formation of loosely coupled entei
enterprises. These enterprises require both secure and flexible collaboration bet
services technology can be used as an ideal platform for realising virtual enterpi
flexibility, and support of XML vocabularies. To ensure the successful implement
enterprises, new approa ...

Keywords: B2B, SOAP, XML, access control, design, federation, management, rc
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41 Effective Web data extraction with standard XML technologies
Jussi Myllymaki
April 2001   Proceedings of the tenth international conference on World Wide Web
Full text available: 📄 pdf(198.81 KB)   Additional Information: full citation, references, index terms

Keywords: crawling, data extraction, deep Web, semistructured data, wrappers

42 An intelligent distributed environment for active learning
August 2001   Journal on Educational Resources in Computing (JERIC)
Full text available: 📄 pdf(116.71 KB)   Additional Information: full citation, abstract, references, i

Active learning is an effective learning approach. In this article we present an in
active learning to better support the student-centered, selfpaced, and highly int
environment uses the students learningrelated profile such as learning style and
organizing, and presenting learning material, and it adopts a new approach to c
based on smart instruct ...

Keywords: XML, active learning, multiagent system, web-based education

43 Exploiting reflection in mobile computing middleware

Licia Capra, Gordon S. Blair, Cecilia Mascolo, Wolfgang Emmerich, Paul Grace

October 2002   ACM SIGMOBILE Mobile Computing and Communications Review,

Full text available: pdf(121.82 KB)   Additional Information: full citation, abstract, referen

The increasing popularity of portable devices and recent advances in wireless ne
engineering of new classes of applications, which present challenging problems i
temporary and unannounced loss of network connectivity when they are moved
and they are required to react to frequent changes in the environment. To accor
imposed by mobility, middleware platforms f ...

44 Resource section: books

Michele Tepper, Jay Blickstein

November 1998   netWorker, Volume 2 Issue 5

Full text available: pdf(207.20 KB) Additional Information: full citation, references, index terms

45 Dynamic views of SGML tagged documents

B. Fraser, J. Roberts, G. Pianosi, P. Alencar, D. Cowan, D. German, L. Nova

October 1999   Proceedings of the 17th annual international conference on Compui

Full text available: pdf(818.10 KB)   Additional Information: full citation, abstract, references,

Product information is more frequently being delivered as hypertext webs or doc
World-Wide Web and the associated communications infrastructure. However, tl
number of files and hyperlinks can become very complex and present significant
maintainer and user. Because of this complexity it becomes extremely difficult t
of a document, a supposed adv ...

Keywords: SGML, SQL, World-Wide Web, XML, documentation, dynamic views, I
languages, usability

46 Mosaic-surfing at home and abroad

Sarah Baker

October 1994 Proceedings of the 22nd annual ACM SIGUCCS conference on User ser

Full text available: pdf(560.97 KB)   Additional Information: full citation, references, index terms

47 Leviathon: Accessing On-Line Information through Linux.

Paul M. Sittler

April 1995   Linux Journal

Full text available: html(17.90 KB) Additional Information: full citation, index terms

48 ViBE: virtual biology experiments
Rajaram Subramanian, Ivan Marsic
April 2001   Proceedings of the tenth international conference on World Wide Web
Full text available: pdf(446.09 KB)   Additional Information: full citation, references, index terms

Keywords: distributed learning, software design, virtual laboratories

49 Mobile commerce: framework, applications and networking support
Upkar Varshney, Ron Vetter
June 2002   Mobile Networks and Applications, Volume 7 Issue 3
Full text available: pdf(352.17 KB)   Additional Information: full citation, abstract, references,

Advances in e-commerce have resulted in significant progress towards strategie
e-commerce applications. However, nearly all e-commerce applications envision
stationary users with wired infrastructure. We envision many new e-commerce a
significantly benefit from emerging wireless and mobile networks. To allow desic
strategize and create mobile commerce ...

Keywords: layered framework, middleware, mobile applications, mobile commer

50 Enhancing student learning through on-line quizzes
Denise Woit, Dave Mason
March 2000   ACM SIGCSE Bulletin , Proceedings of the thirty-first SIGCSE technical s
education, Volume 32 Issue 1
Full text available: pdf(1.07 MB)   Additional Information: full citation, abstract, references, c

We have experimented with the use of weekly on-line quizzes to enhance studei
science courses. In our experiments we compared the effectiveness of using qui
marked laboratory assignments. The results of our experiments show that stude
on-line quizzes. Weekly quizzes would be impossible if they were administered a
thus, we developed and used ...

51 A marking based interface for collaborative writing
Gary Hardock, Gordon Kurtenbach, William Buxton
December 1993   Proceedings of the 6th annual ACM symposium on User interface sof
Full text available: pdf(755.36 KB)   Additional Information: full citation, references, citings, index

52 Putting innovation to work: adoption strategies for multimedia communicati(

Ellen Francik, Susan Ehrlich Rudman, Donna Cooper, Stephen Levine

December 1991　　　　　　　　Communications of the ACM,　Volume 34 Issue 12

Full text available: 🔤 pdf(4.59 MB)　　　　　　Additional Information: full citation, abstract, references, citing

Multimedia communication systems promise better support for widely distribute(
communication—problem-solving, negotiating, planning, and design &md
new technologies into the marketplace, however, can require years of Investme
productive uses for new systems takes time. Adoption strategies are needed to

Keywords: Adoption, CSCW, Freestyle, computer-supported cooperative work, i(

53 HydroJ: object-oriented pattern matching for evolvable distributed systems

Keunwoo Lee, Anthony LaMarca, Craig Chambers

October 2003　ACM SIGPLAN Notices , Proceedings of the 18th ACM SIGPLAN confere
systems, languages, and applications,　Volume 38 Issue 11

Full text available: 🔤 pdf(311.06 KB)　　　　　Additional Information: full citation, abstract, referen

In an evolving software system, components must be able to change independe
peers. One obstacle to independent evolution is the *brittle parameter problem*: (
communicate can depend on a number of *inessential* details of the types, struct(
communicated. If these details change, then the components can no longer con
the message remain ...

Keywords: HydroJ, XML, distributed systems, dynamic dispatch, object-oriented
semi-structured data, software evolution, ubiquitous computing

54 A 3D XML-based customized framework for dynamic models

Taewoo Kim, Paul A. Fishwick

February 2002　　　　Proceeding of the seventh international conference on 3D Web t(

Full text available: 🔤 pdf(377.94 KB)　　　　　Additional Information: full citation, abstract, references, (

There are numerous forms for dynamic models, which specify how an object or
automata, Petri nets, and data flow graphs are only a few samples of model typ(
capturing dynamics. Whereas most modeling frameworks employ rigidly defined
such abstract entities as state, event, and function, we present a system called
models in 3D, and with person ...

Keywords: 3D, MXL, VRML, X3D, XML, XSLT, aesthetic computing, aesthetic pro
design, personalization, rube

55 Packrat parsing:: simple, powerful, lazy, linear time, functional pearl

Bryan Ford

September 2002 ACM SIGPLAN Notices , Proceedings of the seventh ACM SIGPLAN ir programming, Volume 37 Issue 9

Full text available: pdf(171.57 KB)   Additional Information: full citation, abstract, referen

Packrat parsing is a novel technique for implementing parsers in a lazy function; parser provides the power and flexibility of top-down parsing with backtracking guarantees linear parse time. Any language defined by an LL(k) or LR(k) gramm in addition to many languages that conventional linear-time algorithms do not si the handli ...

Keywords: Haskell, backtracking, lexical analysis, memoization, parser combina1 parsing

56 An intelligent distributed environment for active learning

Yi Shang, Hongchi Shi, Su-Shing Chen

April 2001 Proceedings of the tenth international conference on World Wide Web

Full text available: pdf(200.31 KB) Additional Information: full citation, references, citings, index terms

Keywords: XML, active learning, multi-agent system, web-based education

57 A taxonomy of see-through tools

Eric A. Bier, Maureen C. Stone, Ken Fishkin, William Buxton, Thomas Baudel

April 1994 Proceedings of the SIGCHI conference on Human factors in computing sy

Full text available: pdf(949.69 KB)   Additional Information: full citation, references, citings

Keywords: button, control panel, lens, macro, menu, multihand, transparent, us

58 Distributed query evaluation on semistructured data
Dan Suciu
March 2002   ACM Transactions on Database Systems (TODS), Volume 27 Issu
Full text available: 📄 pdf(689.88 KB)   Additional Information: full citation, abstract, referen

Semistructured data is modeled as a rooted, labeled graph. The simplest kinds c traverse paths described by regular path expressions. More complex queries cor with complex data restructuring, and with sub-queries. This article addresses th distributed, semistructured databases. In our setting, the nodes of the database sites, and the ...

Keywords: Distributed evaluation, nested queries, parallel complexity, regular e:

59 Inverted files versus signature files for text indexing
Justin Zobel, Alistair Moffat, Kotagiri Ramamohanarao
December 1998   ACM Transactions on Database Systems (TODS), Volume 23]
Full text available: 📄 pdf(243.62 KB)   Additional Information: full citation, abstract, references, c

Two well-known indexing methods are inverted files and signature files. We hav these two approaches in the context of text indexing, paying particular attentior requirements. We have examined their relative performance using both experim modeling of signature files, and demonstrate that inverted files are distinctly su inverted files be used to ev ...

Keywords: indexing, inverted files, performance, signature files, text databases,

60 Indexing and retrieval of scientific literature
Steve Lawrence, Kurt Bollacker, C. Lee Giles
November 1999   Proceedings of the eighth international conference on Information ;
Full text available: 📄 pdf(985.22 KB)   Additional Information: full citation, abstract, references, ‹

The web has greatly improved access to scientific literature. However, scientific disorganized, with research articles being spread across archive sites, institutior homepages. No index covers all of the available literature, and the major web si content of Postscript/PDF documents at all. This paper discusses the creation of the web, incl ...

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Refine Search	tutorial and online and markup and execute

PAT. NO.   Title

1 6,658,464 T User station software that controls transport, storage, and presentation of content from a remote source

2 6,658,398 T Goal based educational system utilizing a remediation object

3 6,640,145 T Media recording device with packet data interface

4 6,636,889 T System and method for client replication of collaboration space

5 6,633,742 T System and method for adaptive knowledge access and presentation

6 6,625,581 T METHOD OF AND SYSTEM FOR ENABLING THE ACCESS OF CONSUMER PRODUCT RELATED INFORMATION AND THE PURCHASE OF CONSUMER PRODUCTS AT POINTS OF CONSUMER PRESENCE ON THE WORLD WIDE WEB (WWW) AT WHICH CONSUMER PRODUCT INFORMATION REQUEST (CPIR) ENABLING SERVLET TAGS ARE EMBEDDED WITHIN HTML-ENCODED DOCUMENTS

7 6,611,862 T User station software that controls transport and presentation of content from a remote source

8 6,611,822 T System method and article of manufacture for creating collaborative application sharing

9 6,601,057 T Method and apparatus for generating and modifying multiple instances of an element of a web site

10 6,594,692 T Methods for transacting electronic commerce

11 6,594,664 T System and method for online/offline uninterrupted updating of rooms in collaboration space

12 6,557,054 T Method and system for distributing updates by presenting directory of software available for user installation that is not already installed on user station

13 6,549,893 T System, method and article of manufacture for a goal based system utilizing a time based model

14 6,542,880 T System, method and article of manufacture for a goal based system utilizing a table based architecture

15 6,539,302 T Method, system, and article of manufacture for providing notification of traffic conditions

16 6,535,861 T Goal based educational system with support for dynamic characteristics tuning using a spread sheet object

17 6,535,855 T Push banking system and method

18 6,529,934 T Information processing system and method for same

19 6,493,690 T Goal based educational system with personalized coaching

20 6,424,979 T System for presenting and managing enterprise architectures

21 6,400,996 T Adaptive pattern recognition based control system and method

22 6,347,333 T Online virtual campus

23 6,339,767 T Using hyperbolic trees to visualize data generated by patent-centric and group-oriented data processing

24 6,334,103 T Voice user interface with personality

25 6,298,445 T Computer security

26 6,247,020 T Development system with application browser user interface

27 6,223,215 T Tracking a user's purchases on the internet by associating the user with an inbound source and a session identifier

28 6,212,556 T Configurable value-added network (VAN) switching

29 6,202,060 T Data management system

30 6,144,938 T Voice user interface with personality

31 6,134,539 T System, method and article of manufacture for a goal based education and reporting system

32 6,125,358 T System, method and article of manufacture for a simulation system for goal based education of a plurality of students

33 6,101,489 T System, method and article of manufacture for a goal based system utilizing a time based model

34 6,085,184 T System, method and article of manufacture for a dynamic toolbar in a tutorial system

35 6,073,127 T System, method and article of manufacture for a goal based system with dynamic feedback information

36 6,067,538 T System, method and article of manufacture for a simulation enabled focused feedback tutorial system

37 6,067,537 T System, method and article of manufacture for a goal based educational system with support for dynamic personality feedback

38 6,064,998 T System, method and article of manufacture for a simulation engine with an expert system example processing engine

39 6,043,818 T Background image with a continuously rotating and functional 3D icon

40 6,032,141 T System, method and article of manufacture for a goal based educational system with

support for dynamic tailored feedback

41 6,029,159 T System, method and article of manufacture for a simulation enabled accounting tutorial system

42 6,029,158 T System, method and article of manufacture for a simulation enabled feedback system

43 6,029,156 T Goal based tutoring system with behavior to tailor to characteristics of a particular user

44 6,026,386 T System, method and article of manufacture for a goal based educational system with support for dynamic media control

45 6,023,692 T Goal based tutoring system with behavior to control flow of presentation

46 6,023,691 T Goal based stimulator utilizing a spreadsheet architecture

47 6,018,732 T System, method and article of manufacture for a runtime program regression analysis tool for a simulation engine

48 6,018,731 T System, method and article of manufacture for a goal based system utilizing a spreadsheet and table based architecture

49 6,018,730 T System, method and article of manufacture for a simulation engine with a help website and processing engine

50 6,016,486 T System method and article of manufacture for a goal based system utilizing an activity table

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PAT. NO.	Title
51 6,005,579 T	User interface for displaying windows on a rectangular parallelepiped
52 6,003,021 T	System, method and article of manufacture for a simulation system for goal based education
53 6,002,403 T	Graphical navigation control for selecting applications on visual walls
54 5,987,443 T	System, method and article of manufacture for a goal based educational system
55 5,845,120 T	Method and apparatus for linking compiler error messages to relevant information
56 5,745,109 T	Menu display interface with miniature windows corresponding to each page

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